

**LATEXES AND INK-JET INKS PREPARED USING
BLOCKED ACID MONOMERS**

ABSTRACT OF THE DISCLOSURE

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The present is drawn to the use of blocked acid monomers for the incorporation of highly acidic groups, such as strong acids and multiple acids, on the surface of latex particles via emulsion polymerization. In accordance with this, a method of forming latex particulates having high charge density surfaces can comprise the steps of preparing a monomer emulsion including an aqueous phase and an organic monomer phase, wherein the organic monomer phase includes at least one blocked acid monomer; polymerizing the organic monomer phase to form blocked acid latex particulates dispersed in the aqueous phase; and unblocking the blocked acid latex particulates to form acidified latex particulates.

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